## THIS WEEK ON OUR STAGE.

FIVE NEW PLAYS TO BE OFFERED FOR PUBLIC APPROVAL.

A Comic Opera for Francis Wilson-A Bret Harts Idyl-A Musical Comedy from the French-A Political Sattre-An Engitsh Melodrama - Olympia's Opening. A busy week this one will be in theatricals with new plays. Every evening until Friday will bring out fresh matter of interest. Francis Wilson's annual offer of a comic opera will be made at the Knickerbocker to-morrow. This starts the new management of the house by Al Hayman. The piece has been taken from the French original of Eugene Letterier and Albert Vanico, but the English wording is said to be parcely original with Harry B. Smith, and all the music is the composition of Ludwig Englander. Aristocrats and mountebanks of a hundrid years ago are mingled in the action, which takes place in Paris mansions and hovels. The

and spears ago are mingled in the action, which also place in Paris mansions and hovels. The cheme of the fun is the old and usually serpeable one of putting poor adventurers temperally into the places of rich noblemen, and is substitution lasts long enough to yield the crist for Mr. Wilson is that of a strolling ayer, who pretends for a while to be a duke, in teleser leads the supporting company. The enery is by Henry E. Hoyt. The imported arker has directed the rehear-als. The other new play to be brought out to-moraviscalled "A House of Mystery," and it may seen at the Fourteenth Street. The author Frank Harvey, Mr. Harvey is an Engh writer of domestic dramas, and a dozen or are have been brought to America. Most them have fared very well with our popular, because they contain rearrangements of and sure materials, without complexity, dyet with something of newness is connection and detail. "The Wages of Sin" is example of Mr. Harvey's best skill. "A case of Mystery" presents the Enoch Arden on with a reversal of the sexes. It is a man no believing that his marital partner is dead, classagain. The first wife returns to the home the husband, but the author of the leads of the home the husband, but the author does not imi-

who, believing that his marital partner is dead, well again. The first wife returns to the home of the husband, but the author does not imitate Tennyson by having her separate herself fitally from the object of her love. Instead, ne dwells during three acts upon the awkward situation, and then gets the original couple out of it through the suicide of the second wife. The company which is to perform this blay here has had a week of practice at a Boston theatre, and so should be proficient.

Thesday's novelty will be an effort to place a set of livet Hartie's Californians on the stage entertainingly. The play, "Sue," is not understood to be a dramatization of a published story, but a collaborative work by Mr. Harte and J. Edgar Femberton, a London playwright. It is Chairles Frohman who makes the business veniure of the production, and he has engaged William Haworth and Annie Russell for the sentimental roles. The abilities of those two actors are such as to it them to do good characterization of the kind probably demanded in this case. Of course, a mining camp in the hierast. She is described as having been reared among the miners, with no schooling, and with crude yet houset ideas of right and wrong. She marries without loving, and afterward encounters a man who wins her heart. From that condition or her affairs the interest of the play arises. There are typical camp episodes and infinituals, and a doubtless artistic attempt has been made to imbut them with a Bret Hare flavor. Mr. Fromman and his stage maniager, Joseph Humphreys, have directed the production, which has scenery by Mr. Unit.

On Wednesslay "Lost, Strayed, or Stolen" will be performed at the Fifth Avenue. Although it is founded on an old French piece. The Baptism of Little Michael," it is very largely new in this English version, for J. Cheever Goodwin has revisited it in production, which has scenery by Mr. Unit.

On Enury Grant and the second on the certain stages in the four acts are stunces in the children with the company, organized by Brooks

a number of other Casino favorites has been re-hearsed by Max F. Freeman.

winter of Oscar Hammerstein's Olympia Music Hall, which comes to-morrow evening. Its programme promises some entirely novel numbers, one of which is the Grigolatis aerial ballet, to interpolated in Mr. Hammerstein's opera "Marguerite." New songs, tableaux, and dances are also promised for this number, but a flavor of entire unusualness accompanies the innings of the Colibris, ten tiny dwarfs, who are accus-tomed to all a whole evening with their special-ties. They have charge of diminutive ponies and elephants, include a miniature strong man and musical specialists, and conclude with a sketch entitled "A Barber Shop in Lilliput." Dutch Daly, an entertainer who was once fasketch entitled "A Barber Shop in Lilliput. Dutch Daily, an entertainer who was once familiar here, but who has been abroad for eight years, and Amann are other performers.

The diverting bill with which Koster & Bial's began its winter season is continued. Eugone Stratton confesses to nervousness in his drat appearances, but has recovered, and Clasy Fitzgeraid has incorporated fresh allurement in her winks. Not a number of the rest has proved lanking. The dog orchestra is altogether comical, and Clermont's poodle thumps the plano as accurately as ever. An oddly arranged pantomine fails to the Pholies, tumbles and bounces are the portion of Griffin and Dubois, there's novelty to Nobel's ventriloquism, and the Jordans and the Macarte sisters are not behind the others. It is a fine show.

Weber & Field's Broad way has started well, and the clean and diverting performance of their recent opening is to be equalled, at least, this week. The listed specialists are Weber and Fields, the Russell brothers, Ross and Fenton Lottie Glison, Belle Birbecs, Sam Bernard, and John T. Kelly. From this list are drawn to chief participators in the current burlesque.

The Art of Maryland, "Lillian Swain, Thomas J. Byan, and Yolande Wallace also figuring conspicuously in it. To-night's concert, too, engages most of these performers.

Edison's vitascope is to be used at Proctor's Pleasure Palace to-morrow, and views of incident attendant upon it. Hung Chang's vita will be shown for the first time. Then there will be a stage full of handsomely costumed dancers analysis in a comic ballet entitled "A Rustic Welding," Specialities are contributed by Billy Finerson, Jones and Robinson, Ara. Zebra and Vora. Arnim and Wagner, Neison and Gertrude Mansfield top to-day's list.

The Trocadero has relighted after its summer darkening, and its two daily performances incide a musical review and budget of specialities, some of the latter failing to performers that havenever appeared in New York. Of these are las a transformation dancer, and Davenbe but who has been abroad for eight

groups in the hall where band concerts

The regular Monday changes of bills at the week stands present diversity. The Harlem Opera House offers "A Black Sheep," which has started on its first tour since its season last win ter at Author Hoyt's own theatre. In this farce, t will be remembered, life in an Arizona town is plutured in vivid colors and with forceful hu-

stured in vivid colors and with forceful hus, along with sonrs and dances. Mr. Harian i Mr. Devere still lead the company, he Grend Opera House has "Chimmie Fadthe fares in which Mr. Townsend's huses studies of Howery character are embediated in which Charles H. Hopper imperates a typical Howery hoy. It was performed with all last winter and how begins a season rave, with Mr. Hopper, Miss Bates, and Mr. the still in the roles which they formerly disclosed. Only one change has been made in right all cast.

gital cast, 'dambins has English melodrama in the 'dambins has English melodrama in the rm of "Humanity," which continues to and the services of Joseph Grisner and a layi, as it diddiring its previous terms in the day. This is an excitable play of warfare in Africa, with Britons and Boers for its
the in Africa, with Britons and Boers for its
the demand for thrills. It can hardly
fe to be appreciated at this house.

The Pent is an a piece bound to be congenial
in the howery. It is the "Sidewalks of New and the Columbus are so owned."

York," and it is as full as it can hold of typical characters and rousing occurrences, all carefully calculated to interest and amuse the majority of people who go to theatres. One of the exhibitions which it offers is a dive by William H. Speedy, in the guiss of a life saver, from a high point into a tank of water.

The Star shifts for the week from drams to negro minstreisy at the hands of W. S. Cleveland's company, which has been in existence a dozen years, and which presents a wide range of diversions. Negroism of the Northern clues is given. Some of the minstreis are colored by nature and some by cork. Vaudeville acts and spectacular exhibitions are embraced in the Cleveland show.

The Madison Square Garden offers a new pregramme of music to-night, conducted by Anton Seidl, whose enlarged orchestra will be supplemented by singers of the Brooklyn Arion Society to the number of a hundred. Mr. Seidl's appeal is to people of musical culture only, but last Sunday's audience proved that there is a sufficient public of that kind to draw support from. The bill is to be altered every night this week, thus giving a very numerous selection.

Several favorite "stars" are shining in the plays that hold over. One of them is Mr Sothern, who figures capitally in the heroics and romanticism of "An Enemy to the King" at the Lyceum. He makes a fighting lover of the manly sort, and his earnestness never flags The scenic beauties of the production are ex-

the manly sort, and his earnestness never flags. The scenic beauties of the production are exceptional, even at this theatre of fine mountings and able stake management.

John Drew has had a stroke of great good luck in "Rosemary" at the Empire, where his time with the prettily sentimental play has been extended, and all idea of his appearing in any other piece abandoned. To clear the way for him. Olga Nethersole's engagement has been transferred to the Knickerbocker, and he will remain until the return of the Frohman stock company. Miss Adams shares with him the honors of the acting in "Rosemary."

Jefferson De Angelis has come to the front in comic opera at the Broadway as an acrobatic comedian, tirelessly active and industriously comical. He appeals with success to the large number of people who like to see actors tumble around and knock about, and surely he is one of the very best of that sort. "The Caliph" gives good opportunities to him and to his company, and the production is a richly gorgeous spectacle, with many women in it.

Edward Harrigan is a joking and singing sailor in "Marty Malone" at the Hijou. He has improved his own role, as well as the rest of the play, by both condensations and additions, all tending to lighten and brighten the fun. A new ballad and chorus is entitled "The Castaways." All the Braham tunes are catchy. The piece will remain at the Hijou severni weeks longer before going away for a tour of the principal cities of the country.

"Under the Polar Star" is to show its scenes of the frozen seas at the Academy six weeks longer before going away for a tour of the principal cities of the country.

"Under the Polar Star" is to show its scenes of the frozen seas at the Academy six weeks longer, and repeat its story of love and hate, life and death among Arctic explorers. At the fiftieth performance, on Oct. 11, the souvenirs are to be a medallion group of portraits of famous voyagers who have acught to reach the North Pole. After the departure from New York this very pictorial drama w

North Fole. After the departure from New York this very pictorial drama will seek big stages elsewhere.

"The Great Northwest" is another showy drama at the American, where its scenes of farm life in Dakota are spread out to the full limits of the stage and are generally excellent in their illusion. Among the realisms are a prairie grain field fire, which menaces the lives of several characters and is rendered additionally exciting by fractious horses. The heroine's whirl on the arm of a windmill is to the spectators an alarming display.

"The Geisna" has hit 'em hard at Daly's, beyond any question. It was bound to do that, in view of its previous vogue in London, and of the careful manner in which the London representation is copied. Miss Lloyd has gained first place among the actors by reason of her songs and dances, but our Mr. Stevens and Miss Morton are close up to her. The lightness and daintiness of the piece are remarkable, considering that it is English.

All seasons seem to prosper the yaudeville.

All seasons seem to prosper the vaudeville resorts that offer daily programmes of ten or more hours in length, and these real theatres with their well-controlled specialists have certainly raised the standards of variety shows. At Keith's Union Square much is made of At Reith's Union Square much is made or Lumiere's cinematographe, and its varied views of moving objects constitute an interesting display. Among this week's specialists are John C. Rice and Sally Cohen, with a sketch entitled "A School of Acting;" Redding and Stanton, whose acting in "A Happy Pair" makes a strong contrast with the other pair's antics; Jerome and Alexis, who are like the codish that is sold in boxes apparently boneless; Sam Collins, who years ago won renown by walking on his car; Walter Hyde, J. W. Myers, the Moore sisters, Bentley and Cameron, Robinson, Baker and Robinson, McMahon and King, Emilie Edwards, and others.

There's loy at Pastor's over a new pairing of vocalists that brings together Lillian Leslie and Truly Shattuck, and much is expected of them. Mand Nugent and Cora Rout have, besides, their vocal helps for the nation's gayety; Matthews and Harris and the Garrisons offer sketches; acrobatics fail to the Martinetti brothers, and the entertainment also affords opportunity for C. W. Williams, Waas and Maddox, Al Reeves, Halliday and O Brien, the Morrises, Mand Detty, Anita Cluss, and for Booker and De Forrest.

One series of the vitascope pictures at Proc-Lumiere's cinematographe, and its varied

the Morrises. Maud Detty. Anita Cluss, and for the sunset marks the passing of the star and Maddox, Al Reeves, Hailiday and O'Brien, the Morrises, Maud Detty. Anita Cluss, and for Booker and De Forrest.

One series of the vitascope pictures at Proctor's Twenty-third Street is to show the steamer Rosedale that was sunk recently, and other familiar local scenes will also be thrown upon the screen. The Horn brothers, the Bostons, lierr Grais, and discrimide Mansfeld are the most consplcuous specialists. Among to-day's entertainers are A. O. Duncan and Cushman and Holcombe.

The Garrick is still the abode of polite vaude-ville, in programmes o' ordinary length, with Chevalier as the shifting light. He promises there new songs for this week, and the programmes are so arranged that his efforts aitogether take up much more than an ordinary specialist. Harry Atkinson's imitations of musical instruments are another unusual offering, and are close copies of metalite strains; and among the other contributors are Charles Hartram, a capable sleight-of-hand operator, and the Abbott sisters.

This is the last week but one of Lole Fuller's stay at the Standard, and her budget includes the stay at the Standard of the solution of the solution of the solution of

In many foreign cities, particularly in England and France, and in some American cities, notably Philadelphia and Boston, theatres which, by reason of the performances given in them, have become historic, are either preserved as landmarks or retained for their orig-'Inal uses as pinyhouses. In New York, however, no such respect is shown for theatres in which this or that fillustrious actor, actress, or singer has "fretted his brief hour upon the stage and is then heard of no more." When in New York a theatre site ceases to be profitable singer has "fretted his brief hour upon the stage, and is then heard of no more." When in New York a theatre site ceases to be profitable as such it is devoted to some more remunerative use, and its devoted to some more remunerative use, and the sentimental question of what it had been, and what in the public estimate it stood for, does not appear to enter into the consideration of the question. The former site of Booth's Theatre, where, under Mr. Booth's management, a series of speciacular Shakespearean revivals was notable, now holds an office building. Where the lobby was is a trunk store. The former site of Niblo's, an historic New York playhouse, is a vacant lot. The Olympic, made famous by Laura Kenne and Mrs. John Wood, and afterward by theorged. For, and the Comique, the scene of the early successes of Harrigan and Hart, were forn down to make way for stores. The Park Theatre, built under the direction of Charles Fechter, in which he appeared in "Love's Penance," opening the house, has now a retail clothing store on the site. The site of the Broadway Theatre Wallack's, near Broome street is occupied by a wholesale store, as is the New Howery Theatre. The Metropolitan, on Broadway, below Houston street, which Tony Pattor ran when he came over from the Bowery and Lina Edwin's Theatre, on Broadway, near Waverley place, gave place to stores.

It is a also with the minor theatres of other days. The Thirty-fourth Street Opera House is a livery stable, Hobinson Hall a library, and the Globe Theatre is about to become an athletic meeting place. Nor is the origin of some of the present theatres much dissimilar. The Heralid Square was first constructed as an aquarium, Daily's as a museum, the Fifth Avenue as a political hall, the Third Avenue was a church, Koster & Bail's was a travelling circus site, Prootor's Pleasure Falace a brewer, and the Olympia an armory. Probably the only reason why the rule of other cities, which is to preserve for theatrical and operatic managers in this this. The attention of the stor this. Theatrical and operatic managers in this city do not invest in real estate. The sites used are rented usually by the year or on long terms. The Astors own the Star, the Goelets the Knick-erbocker (Abbey's) and the new Murray Hill, the Gilser estate the Fifth Avenue, the Roberts estate the Fourteenth Street, the Sheppard estate the Standard, the Palmer estate the Inion Square, the Bixby estate the Casino, and the Gould estate the Grand Opera House. An actor or theatrical manager owning a nightheatrical Gould estate the Grand Opera House. An actor or theatrical mana er owning a playhouse would naturally for Lusiness as well as sentimental reasons, desire to keep it in use as such, but a capitalist or speculator desiring the largest revenue would feel no compunction in tearing down such a house and erecting in its pince a store or an office building. Theatre-property does not have a large income when the conditions established by the building laws for theatres are taken into consideration. Insurance rates are high. The area of land needed is necessarily large. The offices are not usually regarded as freprisof, and during three months of each grant, awalfy, no rent is collectible. These considerations weigh heavily with real estate investors, but it has been observable of late that managers are beginning to

POEMS WORTH READING.

A Parable, Now that the winds of heaven bruit abroad Dishonor's price, a recream railying cry. How vividly there rises to the eye The Past's most scorned figure, cursed of God! Once more do we behold, with faces awed, The crowding scenes, the final tracedy. And he, the vile betrayer, crouching by, Clutching his gain, from all mankind outlawed

What agonies were his, ah! who shall tell, ncessing ever howson'er he knelt, Exiled from peace, an outcast reft of calm Did he not touch the lowest depths of bell When his black guilt first smote him, and he fels Those thirty pieces burning in his paim?

Fuzzy-Wuzzy Leaves Us. We've been visited by men across the seas, And some of them could write, and some could not.

The English, French, and German, whom you please But Kipling was the finest of the lot.

In sooth, we're loath to lose him from our list ndeed, from first to last, I must insist, He has played the cat and banjo with our feetings. But here's to you, Mr. Kipling, with your comments and your slurs.

You're a poor benighted Briton, but the Prince of Raconteurs! We'll give you your certificate, and if you want it signed. Come back and have a fling at us whenever you're

inclined! You harrowed us with murder and with blood, You dipped us deep in Simia's petty guile, Yet we ever found ourse, es misunderste When we served you a sensation in our style; and though you saw some grewsome pictures throu. The Windy City's magnifying lens. Yet we took it just a little hard of you

A-objecting to the slaughter of our pens

afraid of gore.

But here's to you, Mr. Kipling, and the boys of Lung-tung pen, And all we have to ask you is, make 'em kill again! For though we're crude in some things here, which fact I much deplore. We know genius when we see it, and we're not

And yet we love you best on Greenough Hill; By Illsesa and her sisters dark perplext; In your sermons which have power to lift and thyill
Just because they have the heart of man as text; And when you bend, the little ones to please,
With Bagheers and Baloo at hide and seek,
Oh: a happy hour with Mowgli in the trees, Sets a little chap a-dreaming for a week.

So here's to you, Mr. Kipling, and to Mowett and Old Kan.

And to ber who loved and walted where the Gates of Sorrow are:
For where is brush more potent to paint, since

Art began.
The white love of a Woman and the red blood of a Man ?

So, since to us you've given such delight, We hope that you won't think us quite so bad. You re all hot sand and ginger, when you write, But we are sure you're only shamming when you'r

Yet, so you leave us Gunga Din's salaam, So you incarnate Mulvaney on a spree, ir. Kipling, sir, we do not "care a damn" For the comments you may make on such as we! Then here's to you, Mr. Kipling, and Columbia

You're a poor benighted Briton, but the Prince of Raconteurs.
You may scathe us, and may leave us, still in our hearts will stay, The man who made Mulvaney and the road to Mandalay!

The House of Love. From the Pall Mall Gazette. Now in my dreams I saw the House of Love Builded immutable in an unknown land, Builded immutable in an unknown land, whose fair arcades in rainbut wise did stand, whose halls with sunset clouds were roofed above yet was it shut in an enchanted grove. With trackless labyrinths on either hand, and widernesses deep in desert sand, and midernesses deep in desert sand. Then let me slumber well, and wake me not, That I in dreams again may find the clus And pass upon the road none ever knew, Or having haply known, straightway forgot; And enter in upon a rose hid floor, and dwell a dreamer of dreams for evermore.

From the Youth's Compunion.

Oh, the sparkle of the camp fire on the sheltered woodland shore.

With the forest for a background, and the lake spread While the frail canoes come tossing home to harbor in the bay, and the star above the sunset marks the passing of the day!

shining ore. Hark to the crushers' grind, to the sharp six-shooter's report. heavily mortgaged.

rou I sing, and to all who with a gold currency
are not so rich as you would be: Vive Fargent! Vive Fargent!

What if you are no more as fait as to bimetallism than an old cow?
(Neither do I understand economics, yet I shout Five Partners!)
It is votes that the party requires, and yours are as good as anothers.
A stailer ratio ising sixteen to one.
A sliver do har to passcurrent on equal terms with a
gold one.
(Though guon'd moil care very little indeed whether
it is a sliver do lar or a gold one, or even both:

(Though quont a moi I care very little Indeed whether
It is a silver dollar or a gold one or even both:
I am a Free Currency man, a Fopulist, a litmetallist,
I have no gold to plank down for my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
silver the leading plank of my party, so I make
I want a binney currency language and late plant
The Erithshera ourrency is gold, they mainly are
incommendated as good, any day in the week, as
fertilational is as good, any day in the week, as
You lend us your gold, diy a longtemps, British Lion,
Lend us now your tail to twist.
Come and shout party cries if blasphemous, tand
mitter.
We do not want argument, voice are the base

We do not want arguments, votes are the best argu-

Democrats, Sons of the Silver West! To One of the Silver Senators, From the Nebraska State Journal.

The weep that Henry Teller wept
Was not for grief: it made me smile;
The tears that down his visage crept
Were of the genus crocodile. Behind his talk for the oppressed, Which I observe is only talk, I see within his crowded vest Ten thousand shares of mining stock. I see that dividends are small From aller mines long overwrought; I hear the Lope of one more hau! In every echo of his thought.

O. Teller, if you love us, why fatili seek you after sordid gain, By promises of prices high For pork and beans and golden grain! Long has your bullion sought the mint, Much have we dought that you have sold: We've coined your silver without stint In dollars just as good as gold.

But prudence orges us to stop. Lest our financial system fail, While Henry Teller in his yawp Wants Uncie Sam to coin it all. Such wondrous scope of human gread, This world and others never saw; The sliver kills a salopted croed Of making millionalres by law. But Henry Teller and all such bun't seem to give a tinker's dam. If they can only see and touch The pocketbook of Uncle Sam.

Aerial Navigation. An autumn day, A sunny sky. A hill that's steep and dusty;

A bloomer girl. A shining wheel,

A wind both strong and gusty. A sudden breeze, A isloomer filled.

A rise, with naught to guide her; A searing maid, A lonely road. A wheel without a rider.

JEASETTE ELIXABETH FOWLER

NOTES AND OURSIES.

For the benefit of Kate Holland, who asked con perning the fate of the steamer Brothes Jonathan I can inform you that the ship ran for severa years between San Francisco, Cal., and Portland Or., and was lost off the Oregon cuast on one of

these voyages July 80, 1865. Many prominent citizens went down with the ship, among whom was Gen. George Wright, Unitcommand of the military department of the Co lumbia. Full particulars of the loss of the ship could doubtless be obtained from the San Frantisco Chamber of Commerce, and I have understood that a full history of this shipwreck was published in the San Francisco Eruminer about two years ago. United States Army.

While I hesitate to question a statement coming from you, at the same time it is my belief that the city of Baltimore, Md., is not located geographically, politically, or in any form of government in any way, in any county of the State. It is su rounded, to the best of my knowledge and belief by Baltimore county, except on the south, where across the Patapaco River ites Anne Arundel county, but there is no connection in form of gov ernment, I believe, between the city or cliber county named.

You said that "In actual use a 'lot' of land con veys the idea of a larger area than a plot." The terms, as understood by conveyancers, suggest the idea that "plot" embraces a larger area than "lot," and that a number of lots constitutes a plot. Thus, a "plut" of 100 feet by 100 feet would embrace

Haleted street, Chicago, running north and south, is twenty-three miles long, and I claim is the long est single street in any city. A. H. GRANDER.

 Can a graduate of a New York college prac-tise as a physician without passing a State exam-ination?
 Can a practising physician of New York practise in New Jersey without a State ex-amination or some formula?
 H. E. 1. A graduate of a New York city medical col lene may practise medicine without a State exam-ination, because, his college being under the contool of the Regents of the University, he has been graduated in accordance with the State law, 2, He may not do so regularly without fulfilling the New Jersey requirements; but he may go to New Jersey on a consultation, we think.

The large number of mortgages being now made payable in gold when matured, will it not necessitate the mortgagers going into the market to buy gold at a premium? H. O. If Mr. Bryan has his way and the United States omes to a allver basis, it will. This is another rea-

son why mortgageors should vote against free silver. What is the true name of the "peepers" which so pleasantly tell us of the coming of spring? Their voices reach us even yet from every pool, but with the lightest footfall near teem they instantly are dumb and in hiding beyond our search. R. M. L.

The peepers are "the young of the frog; in spring time, especially, the cricket frog or some other tree frog, as the hylodes."

Will you please state: 1. The amount of money n the United States—gold, siver and paper. The smount of money in England—gold, silver and pa-er. 2. The amount of business done by the Unit-d States. The amount of business done by Enged States. The amount of Phanness uone by Ling land, B. The population of each country. 4. The rate of interest in each country. 5. The percent age of money that is used in actual business, it comparison with bank checks. Philadelphia.

1. According to the report of the Director Mint for 1895, the United States, on Nov. 1, had \$618,100,000 in gold, \$625,600,000 in silver, and \$418,700,000 in "uncovered" paper; these various kinds of money gave a per capita circulation of \$23.59. In Great Britain there were \$580,000,-000 in gold; \$115,000,000 in silver, and \$113, 400,000 in paper, affording a circulation of \$20.78 per capita. 2. No one can do more than guess at this. 3. The United States, 70,400,000; the United Kingdom, 38,900,000. 4. The rate in Great Britain is lower than in Ireland; as a rule, Englishmen think 5 per cent, is good interest. The rate in the East is greater than that in the West. As a whole, the interest varies from, say, 4 per cent. to 10 per cent. 5. The clearing houses afford the only means of estimating these percentages. Only about three per cent. of the exchanges at the Bankers' Clearing House, London, and the New York Clearing House are paid in money; checks

Has not the opinion of the United States Su-preme Court been divided on party lines on cases on which the two great political parties do no C, V. never divided on party lies on political cases.

Suppose that the President and Vice-President of these United States should die befor ether terme of office had expired, who would be President protem until the next election, providing that this speaker of the House was not a native-born citizen? The Constitution states explicitly that no one shall be eligible to the office of President unless he be a native-born citizen. J. R. T. The Presidential Succession act of Jan. 19, 1898, takes the Speaker of the House out of the line of succession to the Presidency. In the case of the Secretary of State succeeds: if he cannot-being of allen birth-the Secretary of the Tressury; and, in order, after him, come the Secretary of War, the Attorney General, the Postmaster General, the Secretary of the Navy, the Secretary of the Interior, and, by an amendment to the act, the Secretary of Agriculture brings up the rear oth President and Vice President elect should die the retiring President and Vice President would so out of office, and the Cabinet officers in office

Does the Democratic platform recommend the en-preement of existing contracts under the gold andard or not? C. U.

The platform adopted by the Chicago Convention which nominated Mr. Bryan does not recom-mend the enforcement of existing gold contracts. Mr. Hill tried to amend the proposed platform or the point of existing gold contracts; but his amendment was defeated. Later the Popocrata tried to make people believe that the amendment had been adopted; their idea was to disarm the growing Democratic opposition to the repudiation plank But the stenographer showed that Mr. Hill's amend ment had not passed.

When did Mrs. W. J. Florence and her sister first appear on the stage and under what name and in what characters, and where? J. E. B. Louisa Pray made her debut as a dancer on July 11, 1849, at the Museum, Masonic Hall, Philadel-phia; Maria Pray (Mrs. Barney Williams) made her debut at the Chatham Theatre, this city, probably at Pelby's National Theatre, Boston, late in the "fortles," though the exact date is not given. She was a dancer professionally when she married Mr. Piorence on Jan. 1, 1853.

Will you kindly give the meaning of the so-called "Chauvinistic spirit" which appears to predominate in France?

F. S. "Chauvinism" is defined as "absurdly exagger ated patriotism or military enthusiasm;" it is de-rived from the name of Nicholas Chauvin, a wildly enthusiastic devotes of Napoleon 1. The meaning

the spirit in France is revenge-on Germany. I think you will find that Philadelphia has the longest straight street in its Broad street, which I have recently seen stated as 20 miles in the city without a turn. S. Richardson. Rhoda S .- Utah became a State on Jan. 6, 1896

W. W. H.-Napoleon III. died in 1873; the Prince Imperial went to Zululand in 1879. S. Agnese .- A Massachusetts shilling was worth 16% cents; a York stilling was 12% cents.

O. Kraft .- The Park, place accident occurred on Aug. 22, 1891; sixty-one persons were killed and nany wounded.

Muron H. Clark,-According to the census of 1890 e three linen mills in the United States one mill in Massachusetts, two mills in Wisconsin.

Wm. Haas.-Self-propelling steam fire engines were introduced in this city about (wenty three years ago; this was their first use. They were given up a few years later, because of their great weight and because the pavements were too rough for them.

M. Werner .- The Coast and Geodotic Survey issue maps which the public may buy at low rates, at just about cost, varying from 10 cents to \$4 There are six places in New York where you may buy them, or you may get them direct from the C. and G. office in Washington. Laborer.-Bimetallism is a theoretical system of

currency, in which both sliver and gold are used as standards at an agreed ratio; that is, if the ratio be 31 to 1, a sliver coin will contain thirty-one times as much sliver as a gold coin of equal value will contain gold; and both coins will be full legal tender. Monometallism is the only practicable system of currency; it takes one metal only as a standard, whether it be gold (as to the commercial nations) or silver (as in Mexico) or iron (as in ancient Sparta). All coins of that chosen metal are full legal tender.

Mrs. Johnson's Pasumatte Parm-Jets Air that Toss Bledgehummers About. From the Pittsburgh Dispatch.

Stoux Crry, Ia., Sept. B .- Mrs. Mary Johnson has pneumatic farm near Lennox, S. D., through the surface of which a gang of expert drillers have been trying for weeks to sink a drive well. To a depth of between 190 and 180 feet the tubing enters the soil without difficulty; but as soon

as the air cushion is reached the wind rushes out with a screech like a locomotive. Sixteen-pound sledges are tossed into the air as lightly as feath-When this occurrence took place the first time.

the workmen figured that they had merely struck a wind pocket. After waiting several days in the hope that it would exhaust itself, they pulled out tion. At about the same depth as before the old programme was repeated. A half dozen attempts have now been made with no greater degree of success. From the last hole the wind smelled so strongly of gas that the drillers were unable to work over It.

A Sunke in Ris Wheel.

From the Daily Florida Citizen,
A Jacksonville bicyclist had an experience yeserday that he is not likely to forget very soon. A number of young men decided to ride down the track to Orange Park and then come back by train. The journey was without special incident until after the party had gone several miles from the city, when George Irwin ran against an obstruction and tumbled headlong into the ditch beside the track. His arm and shoulders went into the water, which was covered with bonnets. As he was raising himself out of the water he happened to glance over his shoulder, where his wheel lay, and to his horror he saw a large water moccasin crawling through the spokes in the front wheel, The young man quickly regained his feet, and then stood at a respectful distance until the snake had succeeded in crawling through the wheel and disappeared. Mr. Irwin does not know whether it was the snake that he ran over and which threw him off the wheel, or whether his fail into the water stirred the reptile up. Anyhow, the snake was there.

She Rede on the Cowenteher and Caught a

From the Atlanta Constitution. Gazenen, Ala., Sept. 6.—The engineer of Alabama Great Southern passenger train No. 2 that le's Attalia at 4:12 A. M. to-day found that he had strange passenger which he had been carrying for twenty-two miles.

Near Collinsville the engine struck a calf. and when the train had been stopped he found the ant mai loaged in the lap of a young woman who was riding upon the cowcatcher and holding in her arms a young child. When the cowcatcher struck the calf it threw it upon the woman's iap, weighting her down so that she could not move. When found she was unconscious and the babe asleep. engineer and fireman and put off as Collinsville The woman was about twenty five years of age well dressed, and good looking. She refused to give her name, where she came from, or where she

A Windy City Minhae. From the Chicago Daily Tribune

Two little girls stood at Wabash avenue and Madison street at 11 o'clock yesterday morning waiting for a car. The younger was about 8 or years old, and her long, pretty hair was flying loosely about her head in the stiff breeze that was blowing in from the lake.

A man who could not have weighed less than 200 pounds came rushing by in a great hurry. The wind blew the maiden's tresses across his breast as he passed, and some of the long hair caught on a button. His onward rush was by no means impeded by

this attachment, but the child was dragged from the curb and upon her knees in an instant. She screamed from pain and fright, and bystand ers hurried to her rescue. The big man had only

was out of sight in an instant, Somebody helped the frightened child to the car, and the last thing she was heard to say was: "I thought he would pull the top of my head

Excitement at a Mississippi Baptising.

From the Pontotoe Sentinel. While the sacred rites of baptism were being performed at Friendship last Sunday morning refy sensational occurrence took place. The Rev Gibson had immersed twenty-nine candidates and while in the act of immersing the thirtieth and last a large channel catilsh ran up the good brother's trousers and proceeded to horn him in an unmerciful manner. At this point the cere mony was cut short with "I bantize you." and s general rush was made to rescue the reverengentleman from his peculiar predicament.

Spontaneous Combustion in Icehouses. From the Chicago Daily Inter-Ocean.

The Iowa Dairy Mutual Fire Insurance Company has issued a circular containing the following on spontaneous combustion: "Sawdust in icehouses is self-ignitable, caused

spontaneous combustion to but weather Inorder to avoid a fire from above cause the saw-dust should not be allowed to pile up over four or five inches on top of the ice. The surplus should the sawdust is allowed to accumulate on top of your ice it will consume the ice. It should have

His Eye Kicked Out by a Grasshopper. From the Pittsburgh Disputch.

Torexa, Sept. 5.—Tommy McCuldness, a ten-year-old son of a Marion county farmer, was playing in a field last Monday, when he was kicked to the eye by a grasshopper, and the sight was im distely destroyed. The grasshopper was of the large locust variety, and is noted for the grea

> His Patent Imperilled. From the San Francisco Post.

Attorney Garrett McEnery recently appeared a counsel in a case before a Justice of the Peace at Suin-sun. McEnery found it necessary to make frequent objections to the evidence that opposing counsel was attempting to introduce. The Justice, whose first rul "everything goes," looked first annoyed and then indignant. Finally he could contain himself no longer and, as a ruling on one of Mr. McEnery's ob

"Mr. McEnery, what kind of a lawyer are you, any "I am a patent lawyer," replied the attorney.
"Well, all I've got to say is that when the patent expires you will have a hard time getting it renewed. Go

on with the case."

From the Detroit Pres Press. La Ponts, Ind., Sept. 8.-W. W. Gouche, a wealthy

Berrien county farmer, predicts that the world will come to an end on Oct. 1. Gouchs, whose fortune is estimated at \$50,000, has converted his property into soin, which he has secretly buried, being the victim of an ballucination that his treasure will come into his possession again in the next world. He has pur-chased an iron casket, made ready his burial raiment, and on the night previous to the dissolution of the and on the night previous to the dissolution of the world will enter upon his last sleep in the iron coffin in which his believes his body will crumble to dust. He claims the approaching end of the world was re-vealed to him in a dream. The slegged revelation is believed by a considerable following and weird scenes are being nightly enacted.

Happened to the Empire State Express. I rom the Uties Observer.

The west-bound Empire State express arrived in Utica yesterday with a broken window in the buffe coach. The accident occurred about noon in the vicinity of Paistine Bridge. The train was going at a rate of nearly a mile a minute and scooping water a rate of hearly a mile a minute and scooping water at the same time when the passengers in the buffet car were startied by a crash at the window. Turning around in their seats they noticed that one of the windows had been cracked in many places, but that no hole had been mails. It is thought that the Iron accop under the engine tossed up a stray pebble and threw it against the embankunch at the side, when it bounded back against the train.

Excitement Kills a Monkey. From the Philidelphia Times.

It is believed the monkeys in the Zoo knew they were to be removed into better quarters before it occurred last Friday. They had, no doubt, heard in the world by visitors and keepers, and realized that there was to be some great change in their condition. This naturally interested them and kent them on the tiptoe of expectation. For sex eral days before the removal their excitable natures were well wrought up, and on the day of tures were well wrought up, and on the day of removal their excitement was almost uncontrollable, showing plaint) they had kept posted regarding the eveniful day. When the hour arrived a favorite monkey and splendid specimen of his gint was taken by the keeper from the old house to be quartered in the new one. It was seen that he was in a lightly excited condition, and on the way to his new home he suddenly expired in the keeper's arms. It was a clear case of heart disease, brought to a fatal termination by the unusual excitement of the occasion.

ODD THINGS HERE AND THERE. THE SUN'S SCHOOL FOR CARD NOTES ON SCIENCE AND INDUSTRY.

I read your answers to the inquirers on car's questions with much interess and find that they aimost invariably support my own contentions, which I think are based on common sense and the assimilation of the many opinions and "arguments" heard in twenty-five years card playing more than on any book of rules. I am willing to admit that The Sus is the best authority in this country to-day, and for that reason wish to be convinced that certain rulings are correct, but de sire a little further explanation. I you have repeatedly ruled that in poker dies, five sixes best five axes, i. e., that axes are low. If poker axes certainly are high; in various games of clice axes certainly are high; in various games of clice axes certainly are high; in various games of clice axes certainly are high; in various games of clice axes certainly are high; in various games of clice axes certainly are high; where are they not and why should they not be high? 2. In The Sus of heave asked to play any orher way than that axes were high. I know they are in all the sporting reserval have been in in this city. Where are they not and why should they not be high? 2. In The Sus of Aug. 16 you say that when A had built an axe on a five in cassibo, making 6 only one 6, mind) and there is a 3 on the board, B cannot build 10 by saking the 6 and 3 on the board and an axe from his hand. This decision also is signish my practice and I cannot see any just reason for it. Why should not a single built six be treated in every way as a 6 spot? If B had a U, could he not sweep by taking the built 6 and the 3? And if he had an axe and 7, could he not build on the built 6, making it 7? 3. You rule that when a wrong number of cards is give a player in the draw in poker, whether too many or too few, if he looks at even one of the cards his band is dead, Does not this put a player too much at the mercy of an unscrupulous dealer, as for instance: A calls for one card, which is dealt him and, naturally, looked at at once, but the dealer, who has been helping the

1. In poker aces are not always high, as you will find if you hold a five-high straight against any other straight. There is no more reaone to six, than there would be in making the deuce high on dice marked from two to sever.
With poker dice fashioned in imitation of cards the ace is properly high because the highest six cards of a suit are represented, but on dice with spots the lowest six cards are represented, and the ace is the lowest of the low.

2. The rule invariably is that no player may add to a build any card taken from the table. He may burease it from his hand only. So B could not sweep a S and a builded 6 with a U, but he could add his see to the build and make it 7.

S. The rule is hardly subject to such an inter pretation as you give it. You make a manifestly different case. A player calling for one card is certainly entitled to look at it at once, because it is his entire draw, and any card subsequently dealt him must be returned to the pack in procisely the same manner as if the dealer had served five cards in a call for three, and the error had seen discovered before the player to whom they were served had looked at any of them. The rule prohibiting the playing of a hand when too many eards had been served and any of them had been seen is designed to prevent the unfair relection of cards which might result from the effort to return cards to the pack if any of them had been seen Strict adherence to the rule will not work any hardship to any player. Disregard of it opens the way for hardship and dishonesty.

1. In playing pinochie, feur or six hands, partners, a trump being led, must each player beat, if able, when the trick reaches him? Or is it sufficient to beat the narticular trump that was led? 2. A. B. C. and D are playing pinochie. A leads ten of trumps, B beats with ace, C holds ace and a small trump, Must C play ace? Or if it were be that held see and small trump, should D play ace! That held see and small trump, should D play ace!

In each case the player must beat all previous trump.

1, In a game of poker can the opener of a jack pot, consisting of a pair of jacks, split his pair to draw to either a straight or flush without being raised? 2. Can an opener of a jack pot split his openers of jacks without putting the card aside or anhouncing same? W. S. T. 1. No. The opening of a jack pot does not in any nanner restrict the right of betting. 2. Yes.

In a two-handed game of pinochle H melds 150 trimp after taking his first trick, and then after snother trick lays down his other king of trumps and melds 40 trump, which R does not allow. It claims he has not used either his king or queen be fore in melding 40 trump, and claims as he has taken the necessary trick he is entitled to add his king from his hand and meld the 40 as stated. Who is right?

Joss High. R is right. The royal marriage must be melded

In a game of two-handed pinochie when cards are up A bets he need not go over any trick outside of the trump card. H bets he must, trump or no trump. Who wins?

CONSTANT READER. B wins. When cards are up must take the trick if he can.

In a game of draw poker A, B, C, and D are the players. A is age, B straddles, B now claims that it is C's first bet after the draw. C claims that it is B's first bet, irrespective of the straddle. Who

C is right. The privilege of the age does not Draw Pouer—Three players. A deals, B age, mute; C passes, A bets. May C then come in before cards are called for on the draw? Pelkit.

Two-handed Pinochle—A has 925, meids 40 pincehle, counts cards he has taken in, and calls out. B says he must take a trick, How is 11?

F. M. Sawys. He must take a trick before he can announce any

Game of Draw Poker—A bets a dollar, B calls.
Hasn't each a right to see the other's hand, the
winner as well as the loser?
Franc. Yes. Both hands are called and all called hands nust be shown.

melds.

In a five-handed game of poker, A dealing, B calls for three cards. A accidentally exposes card in draw. B claims he should receive the next three cards. A bets that B should receive two cards at first and one after the other pisyers have been served. Please decide bet. D. J. Bolas. B is right. In place of a card faced in the drav the dealer must serve the next card.

lead while having suit. Error not discovered after other play. What is the penalty? 2. handed partners: player lifts and examines as tricks Dreviously taken, claiming that he the there had been a revoke. Can he do so? If not, is the penalty? Undercircumsances claimed by is the penalty? Under circumstances claime must be not wait until the whole hand is pig 1. A revoke costs the player who makes it all the

points made in that hand. 2. Only the last trick turned may be examined. The player should have waited until the end of the hand. No penalty is prescribed. After a game of poker had been in progress an hour it was accidentally discovered that there were five eight-spots and only three jacks in the pack of fifty two cards. Will you please decide if the whole game is forfeited, and if the money should be rediscributed, in other words, can money be won or lost with such cards?

A. L. T.

The game stands. A, B. C are playing a game of bottle pool. A has the ball numbered three. He has to his credit twenty three, and makes a shot that counts him five, making in all twenty-elph, and thirty one. With pool ball numbered three, but does not announce it game. He takes another shot, but does not count, and then an nounces that he is pool. He and C claim he lost the game by taking the extra shot after he was thirty one. Does A lose the game?

James V. Khuny, J. No.

3. In playing double pinochie, single handed, both queens of spades and both jacks of diamonds counting 300 pinochie per acroement. A leads and takes trok, and throws out king and queen of spades, there is the property of the stroke of the spades. A leads significant takes the property of the spades of the spades and both jacks of diamonds, therefore queen of spades and both jacks of diamonds, the playing a long 300. Hanys he at cannot do it. Who is right? 3. A plays 3. A plays 3. A claiming a run of 5. Hanys he cannot do it. Who is right? John Bakes.

1. A laylaht. 2. A taylays.

1. Ais right. 2. Ais right.

Mr. O. and Mr. C. were opponents playing in a four-handed partner game of pinocule. All parties having meliced Mr. O. wanted 47 points to go out and Mr. C. wanted live joints to go out. Continuing on in the game. Mr. C. having the best hous, takes most of the tricks. Then Mr. O. comes in with a trump and takes four tricks without calling out. Mr. C. lead. assain. taking in the remainier of the tricks. Mr. O. then calls out on Mr. C. slast trick. When counted Mr. O. has 1,003 and Mr. C. mas 1,007. Which ones are the winners? Mr. O. and his partner.

 Is it compulsory to trump in the game of suchre?
 Is it customary in playing utincible to score the points made below ten? For instance, I have in my isand 15% points; is it not customary to score 160 points?
 W. A. B. 1. It is not. 2. It is not.

1. In a game of poker D calls for three cards, but the dealer gives bin four. D discovers the inistake before looking at his cards. What happens? 2. Suppose D had looked at even one of his cards? 2. A. The fourth card goes back to the pack. 2. The hand would have been dead.

In his report to the United States Gaulories Survey, F. W. Clark presents some of the most recent data as to the relative quantity of the chemical elements in the earth's crust, the waters, and the air. From these investigations it appears that there are now recognized in the crust of the earth, with its liquid and gaseous envelopes, some seventy one chemical elements, while others, as yet unknown, are indicated by caps in the periodic system, and will propably be discovered in the future; of these elements some are quite plentiful and some are exceedingly rare. Nothing is absolutely known of the earth's interior. its composition certain conclusions are drawn. Thus, in order to have a definite mass under consideration, there is assumed for the earth's known crust a thickness of ten miles below rea level; vation of the confinents above the eca, is 1,035,-000,000 cubic miles, of which amount 309,000,000 cubic miles are ocean and 1,633,000,000 are solld matter, and, further, the mass of the atmosphere is equivalent to that of 1,268,000 rafles water, the unit of density, From these data it is estimated that the earth's crust, to a depth of ten miles, is composed essentially of 98 per cent, solid and 7 per cent. liquid matter.

It is not generally known that the presents methods of mining iron ores vary according to the character of the deposit, from stripping and mining with the steam shovel to working with rock drills many hundreds of feet below the surface of the carth. Some mines are wrought open cut, but the majority are operated under ground; all the different methods of long-wall mining, caving, milling, overhand and underhand stoping, as well as the various systems of timbering and filling, are said to be in active use in the iron ore mines of Lake Superior. The character of the ore also varies from soft material easily handled be tools and apparatus employed; and, as showing the difference in this respect characterising dif-ferent localities, it is stated that rock drills of the same size and working under similar pressand twenty feet in ten hours in the limestons of the Chicago drainage canal, could not cut more than five to six feet in hard Minnesota and eighteen to twenty feet in hard Marquette ores.

The closest investigations show that the speeffic weight of magnesium is about two-thirds that of aluminium, namely, 109 pounds a cubic foot; melts at 511 degrees, Fahrenhelt, and has elec-trical conductivity equal to 41.2 per cent. of that of pure copper. The tenacity of the metal ranges from 22,000 to 32,000 pounds a square inch, while its elastic limit in the shape of wire is about 8,770 pounds the square fuch, and its clastic modulus some 1,945,000 pounds, or less than that of most stones; the cart metal has a much lower tenacity, ranging from 9.640 to 13, 600 pounds to the square inch; alloyed with aluminum, up to 10 per cent. of magnesium, in increases the strength and clastic modulus of the former metal, but greater additions yield a weak and brittle alloy. So far as appears, the various attempts made thus far to form an alloy of copper and magnesium have proved unsuccessful.

The general causes which act on the movement of the atmosphere are defined by Prof. Cornu, in an address lately delivered before the British Royal Institute, as gyratory influences, and, when once the movement is set going, it continues of itself and sometimes increases in amount. In the first place, Prof. Cornu declares, the movement of the rotation of the earth is to be cited, which always brings with it a small component of rotation for a displacement of agaseous mass in latitude or altitude, and, in the second place, and as decisive a cause, the solar heat, which warms the air near the surface, or the clouds; thus related, and as the ascending tendency of the heated gas cannot be equal over the whole surface exposed to the rays of the sun-as much because of the nature of the ground as because of its inequalities—the equilibrium is upset in parts and gaseous columns ascend. When once gyration is established, the causes producing it keep it up and augment it.

Perhaps the most recent, as well as plausible, utterances concerning the theory of evolution are those delivered by Prof. LeConte at the summer school at Eden, Me. He declared, in contradistingtion to the usual view of exclusive organic evolu-tion, that there are really four different kinds or grades of evolution, viz., physical, chemical, or-ganic, and human, each determined by different forces, carried forward by a different process to different jends. Thus, cosmic evolution was deter-mined mainly by gravitation, and, though the detalls are not known, the best formulation of physical evolution, says the Professor, is the nebular hypothesis. In the early stages of cosmic evolution, matter existed only in elementary forms, chemical affinity was held in abeyance by primal heat, and, with cooling, chemical affinities brought complex ty, until protoplasm, the most complex of all, was achieved, and chemical evolution could go no further; then came organic evolution on the ground achieved by chemical evolution, and the course of evolution was taken up on a hi her plane. The function of organic evolution, however, is not abolished, but underlies the higher conditions, the whole process being not higher and higher but more and more complex, the higher dominating

the whole process. Two of the most wonderful automata now work ing within the limits of the United States, remarks the Argusy, are those used by the Government for cunting and tying postal cards into small bundles, These machines are made in Connecticut, and the two are canable of counting the predigious num-ber of 500,000 such cards in ten hours, and wrapping and tying the same in packages of twenty five In this operation the paper is pulled off a drum by two long fingers which come up from below, and another finger cips into a vat of mucilage and applies itself to the wrapping paper in exactly the right snot. Other pasts of the machine twine the paper around the pack of cards, a thumb presses over the muchage spot and the package s thrown upon a carry belt ready for delivery.

A remarkable discovery, as narrated by Prof. Carter to the Academy of Sciences of Philadelphia. was made lately near Three Tans, Montgomery county, Pa. In a sandstone quarry at that place an iron tree has been found embedded in the rock ten feet below the surface. The tree is about eighteen feet long and eighteen inches in diameter, and has been completely turned to iron, or rather to the iron ore known as brown hematite; and Prof. Carter accounts for the phenomenon by the fact that the shales and the sands ones in that neighborhood are covered with red oxide of iron, and sometimes with brown hematite. It is presumed that the iron ore brown hematite. It is presumed that the iron ore was reduced by organic matter, and that it was made soluble in water containing carbonic acid gas, then, as the water holding the tren in solution came in contact with the tree, the iron was precipitated on the latter, and there was an interchange of vegetable and mineral matter, so that the rocks were relieved of their coloring and the tree took it up.

Discussing the question of economy in steamship propulsion before the Marine Engineers' in-stitute, England, Prof. Weighton lays down two governing considerations, namely, the friction of the mechanism, the maximum horse power and the fuel. As respects the efficiency of modern machinery, he thinks there is little to boast of, en-forcing this opinion with the statement that if we reduced one pound of coal to horse power we would have 327 horse power, and for every pound of coal burned these should be olyaned, if the machinery and the botler and the farnace were all fulfilling their purpose with berfection, 327 horse power. Instead of merely seventeed and one half horse power. A unique illustration was given by Prof. Weighton by means of diagrams representing disks, of the various approximate losses of power from the botler to the propeller, showing how such losses of power accrued namely at the furnace by the radiation of heat, by latent heat, and by heat passing off in the form of axide. Almeling to the difference between Weish coal, and the Newcastle and Scotch, and the best methods of burning them, the coal required, he said, for 1,000 horse power was therefore, and the intent heat in the fuel only about two tons would be necessary. we reduced one pound of coal to harse power we

Remonetize Shunk Skins, From the Bristol, Tenn., Courier.

What this country needs, yes, fellow citizens, what the plain people are suffering for, is a remonetization of skunk skins, bear hides, and dog pelts. They should be a standard of value and medium of exchange, just as they were in the good old days of our pioneer fathers. Then we could pay our taxes without mort-gasing our farms, then we could dis-harge the small be anness due our neighbors without paying tribute to the keylocks and stell manufaller shorks. Skins, hides, and pells were demonstrated unjustly and surreptillosisly, and it is nothing but the right thing, the fair thing, the honorable thing, to restore them to the oildine value they passessed in the eyes of the law.

This is a great foural issue as well as a monetary issue, it is a duty be owe posterity to meet it like brave oils. If course, as a matter of fact, we have not many skunk axins, and very few hear hides, and not had more able to be a sufficient of the course of the law of the law in the law of the same them will put them in circulation, and we are bound to get our spars of their seniches of rither in the long runder such an abundance of this resid out times will be counted to the course of the residual and times will be good as they were in the closer of the residual manufacture of the read of the residual mental increasing the support of the read of the residual heroes the universe of the Treasury had support as these of our theories. Fellow citizens, left so the whole hog, free, untimited, and independent. fathers. Then we could pay our taxes without mort